CLAIMS

What is claimed is:

1   1.   A system for efficient utilization of a single hardware system with a single

2   operating system kernel by an end user of a personal computer, said system comprising:

3   a virtual computing environment functionally equivalent to a computer having a

4   full-featured operating system;

5   said virtual computing environment constructed and arranged to separate user

6   processes on the level of namespace and on the basis of restrictions implemented inside

7   said operating system kernel;

8   whereby emulation of hardware resource or a dedicated memory is not required.

1   2.   The system as defined in Claim 1 wherein virtual computing environments

2   are not visible to other virtual computing environments operating in a network of

3   computers on non-network level of communications.

1   3.   The system as defined in Claim 1 wherein each virtual computing

2   environment has a completely independent root file system.